

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or  
☒ Application No. 09/894,980, filed on 06/27/01,  
☐ as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**FULL NAME OF INVENTOR(S)**

Inventor one Lawrence R. McGee Date: 20 Sept 2001

Signature: [Signature] Citizen of: USA

Inventor two Jonathan B. Houze Date: 9/24/01

Signature: [Signature] Citizen of: USA

Inventor three Steven M. Rubenstein Date: 9/25/01

Signature: [Signature] Citizen of: USA

Inventor four \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: \_\_\_\_\_

☐ Additional inventors are being named on \_\_\_\_\_ additional form(s) attached hereto.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
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All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**FULL NAME OF INVENTOR(S)**

Inventor one Atsushi Hagiwara Date: 9/28/2001

Signature: Atsushi Hagiwara Citizen of: Japan

Inventor two Noboru Furukawa Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: Japan

Inventor three Hisashi Shinkai Date: 9/28/2001

Signature: Hisashi Shinkai Citizen of: Japan

Inventor four \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: \_\_\_\_\_

☐ Additional inventors are being named on \_\_\_\_\_ additional form(s) attached hereto.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
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**FULL NAME OF INVENTOR(S)**

Inventor one Atsushi Hagiwara Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: Japan

Inventor two Noboru Furukawa Date: 10 Aug 01

Signature: Noboru Furukawa Citizen of: Japan

Inventor three Hisashi Shinkai Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: Japan

Inventor four \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: \_\_\_\_\_

☐ Additional inventors are being named on \_\_\_\_\_ additional form(s) attached hereto.

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Lawrence R. McGee, Jonathan B. Houze and Steven M. Rubenstein

Application No./Patent No.: 09/894,980

Filed/Issue Date: June 27, 2001

Entitled: QUINOLINYL AND BENZOTHAZOLYL MODULATORS

Tularik Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

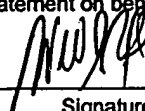
☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8)

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

10/31/01

Date



Signature

William J. Rieflin

Typed or printed name

EXECUTIVE VICE PRESIDENT

Title ADMINISTRATION

# COPY

Attorney Docket No.: 018781-006310US  
Client Reference No.: T00-014-1

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Lawrence R. McGee, of 39 Big Sur Way, Pacifica, CA 94044; Jonathan B. Houze, of 2383 Ticonderoga Drive, San Mateo, CA 94402; Steven M. Rubenstein, of 1027 Anza Drive, Pacifica, CA 94044; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: QUINOLINYL AND BENZOTHAZOLYL MODULATORS

Date(s) of execution of Declaration: 09/20/01, 09/24/01 and 09/25/01

Filing Date: 06/27/01

Application No.: 09/894,980

WHEREAS, Tularik Inc., a corporation of the state of Delaware, located at Two Corporate Drive, South San Francisco, CA, 94080, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

## NOT FOR RECORDATION

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 20 Sept 2001

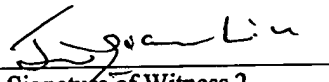
  
Lawrence R. McGee

SIGNATURE WITNESSED BY:

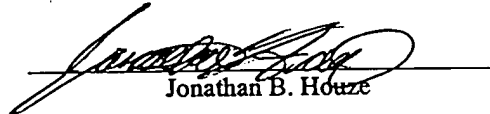
(1) Date: 20 Sept. 2001

  
Signature of Witness 1

(2) Date: 20 Sept. 2001

  
Signature of Witness 2

Dated: 9/24/01

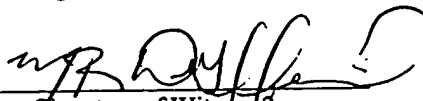
  
Jonathan B. Houze

SIGNATURE WITNESSED BY:

(1) Date: 9/24/01

  
Signature of Witness 1

(2) Date: 9/24/01

  
Signature of Witness 2

Assignment

Attorney Docket No.: 018781-006310US

Page 3

Dated: 9/25/01

Steven M. Rubenstein  
Steven M. Rubenstein

SIGNATURE WITNESSED BY:

(1) Date: 25 Sept. '01

Mohamed Khalid Answer  
Signature of Witness 1  
(MOHAMED KHALID ANSWER)

(2) Date: 09/25/01

Kexue Li  
Signature of Witness 2  
Kexue Li

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Lawrence R. McGee, Jonathan B. Houze and Steven M. Rubenstein

Application No./Patent No.: 09/894,980

Filed/Issue Date: June 27, 2001

Entitled: QUINOLINYL AND BENZOTHAZOLYL MODULATORS

Japan Tobacco, Inc.

a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

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The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Oct. 15, 2001  
Date

Teruo Daito  
Signature

Teruo Daito

Typed or printed name

General Manager

Title



# COPY

Attorney Docket No.: 018781-006310US  
Client Reference No.: T00-014-1

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Atsushi Hagiwara, of 1-1, Murasaki-cho, Takatsuki, Osaka, Japan 569-1125; Noboru Furukawa, of 1-1, Murasaki-cho Takatsuki, Osaka, Japan 569-1125; Hisashi Shinkai, of 1-1, Murasaki-cho Takatsuki, Osaka, Japan 569-1125; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified patent application:

Title of Invention: QUINOLINYL AND BENZOTHAZOLYL MODULATORS  
Date(s) of Declaration: 08/10/01, 09/28/01 and 09/28/01  
Filing Date: June 27, 2001  
Application No.: 09/894,980

WHEREAS, Japan Tobacco, Inc., 2-1, Toranomom 2- chome, Minato-ku, Tokyo 105-8422 Japan, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that Assignors will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

Dated: 9/28/2001

Atsushi Hagiwara  
Atsushi Hagiwara

SIGNATURE WITNESSED BY:

(1) Date: 9/28/2001

Fernando Dato  
Signature of Witness 1

(2) Date: 9/28/2001

Yukiyasu Itoh  
Signature of Witness 2

Dated: 9/28/2001

Hisashi Shinkai  
Hisashi Shinkai

SIGNATURE WITNESSED BY:

(1) Date: 9/28/2001

Fernando Dato  
Signature of Witness 1

(2) Date: 9/28/2001

Yukiyasu Itoh  
Signature of Witness 2

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: \_\_\_\_\_  
\_\_\_\_\_ Atsushi Hagiwara

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_  
\_\_\_\_\_ Signature of Witness 1

(2) Date: \_\_\_\_\_  
\_\_\_\_\_ Signature of Witness 2

Dated: 10 Aug 01  
\_\_\_\_\_ Noboru Furukawa

SIGNATURE WITNESSED BY:

(1) Date: Aug 11, 2001  
\_\_\_\_\_ Signature of Witness 1

(2) Date: Aug 10, 2001  
\_\_\_\_\_ Jennifer V. Weissmann  
Signature of Witness 2

Please type a plus sign (+) inside this box →



PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/894,980
Filing Date	06/27/01
First Named Inventor	Lawrence R. McGee et al.
Group Art Unit	1614
Examiner Name	Unassigned
Attorney Docket Number	18781-006310

I hereby appoint:

☒ Practitioners at Customer Number  
OR

20350

Place Customer  
Number Bar Code  
Label here

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.  
OR

☐ Firm or  
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

## SIGNATURE of Applicant or Assignee of Record

Name William J. Rieflin

Signature

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 form is submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any Comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	09/894,980
Filing Date	06/27/01
First Named Inventor	Lawrence R. McGee et al.
Group Art Unit	1614
Examiner Name	Unassigned
Attorney Docket Number	18781-006310

I hereby appoint:

☒ Practitioners at Customer Number  
OR

20350

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Number Bar Code  
Label here

☐ Practitioner(s) named below:

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as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

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ZIP

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**SIGNATURE of Applicant or Assignee of Record**

Name	Teruo Daito
Signature	<i>Teruo Daito</i>
Date	<i>Oct. 15, 2001</i>

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

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WER  
018781 006310VS

DECEMBER 19, 2001

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

TOWNSEND AND TOWNSEND AND CREW, LLP

WILLIAM B. KEZER

TWO EMBARCADERO CENTER, 8TH FLOOR JAN 03 2002

SAN FRANCISCO, CA 94111-3834

TOWNSEND AND TOWNSEND  
AND CREW LLP



\*101877653A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/09/2001

REEL/FRAME: 012246/0338  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HAGIWARA, ATSUSHI

DOC DATE: 09/28/2001

ASSIGNOR:

FURUKAWA, NOBORU

DOC DATE: 09/28/2001

ASSIGNOR:

SHINKAI, HISASHI

DOC DATE: 08/10/2001

ASSIGNEE:

JAPAN TOBACCO, INC.

2-1 TORANOMON 2-CHOME

MINATO-KU, TOKYO, JAPAN 105-8422

SERIAL NUMBER: 09894980

FILING DATE: 06/27/2001

PATENT NUMBER:

ISSUE DATE:

012246/0338 PAGE 2

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



10-18-2001

Attorney Docket No. 018781-006310US

Form PTO-1595

(Rev. 03-01)

OMB No. 0651-0027 (exp. 5/31/2002)



101877653

U.S. Department of Commerce  
U.S. Patent and Trademark Office

Tab s ttings

To the Honorable Commission r of Patents and Trademarks. Please record th attached original documents or copy thereof

1. Name of conveying party(ies):

Atsushi Hagiwara, Noboru Furukawa and Hisashi Shinkai

Additional name(s) of conveying parties attached? ☐ Yes ☒ No.

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other: \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: Japan Tobacco, Inc.

Internal Address: \_\_\_\_\_

Street Address: 2-1 Toranomom 2-chome,

City: Minato-ku, Tokyo State: Japan ZIP: 105-8422

Additional names and addresses attached? ☐ Yes ☒ No

Execution Date: 09/28/01, 09/28/01 and 08/10/01

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No(s): 09/894,980

B. Patent No(s): \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William B. Kezer  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
(415) 576-0200

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): \_\_\_\_\_ \$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

William B. Kezer  
Name of Person Signing  
Atty. Reg. No. 37,369

William B. Kezer  
Signature

10-3-01  
Date

Total number f pages including cov r sheet, attachments and document 4

Mail docum nts t be recorded with required cover t :  
Commissioner of Patents and Trad marks, Box Assignments  
Washington, D.C. 20231

40.00



**ASSIGNMENT OF PATENT APPLICATION**

**JOINT**

**WHEREAS, Atsushi Hagiwara, of 1-1, Murasaki-cho, Takatsuki, Osaka, Japan 569-1125; Noboru Furukawa, of 1-1, Murasaki-cho Takatsuki, Osaka, Japan 569-1125; Hisashi Shinkai, of 1-1, Murasaki-cho Takatsuki, Osaka, Japan 569-1125; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified patent application:**

**Title of Invention:           QUINOLINYL AND BENZOTHAZOLYL MODULATORS**  
**Date(s) of Declaration:   08/10/01, 09/28/01 and 09/28/01**  
**Filing Date:               June 27, 2001**  
**Application No.:           09/894,980**

**WHEREAS, Japan Tobacco, Inc., 2-1, Toranomom 2- chome, Minato-ku, Tokyo 105-8422 Japan, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;**

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that Assignors will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

Dated: 9/28/2001

Atsushi Hagiwara  
Atsushi Hagiwara

SIGNATURE WITNESSED BY:

(1) Date: 9/28/2001

Fumio Daito  
Signature of Witness 1

(2) Date: 9/28/2001

Yukiyasu Itoh  
Signature of Witness 2

Dated: 9/28/2001

Hisashi Shinkai  
Hisashi Shinkai

SIGNATURE WITNESSED BY:

(1) Date: 9/28/2001

Fumio Daito  
Signature of Witness 1

(2) Date: 9/28/2001

Yukiyasu Itoh  
Signature of Witness 2

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Atsushi Hagiwara

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1

(2) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 2

Dated: 10 Aug 01

Noboru Furukawa  
Noboru Furukawa

SIGNATURE WITNESSED BY:

(1) Date: Aug 10, 2001

Ellen W. Tamm  
Signature of Witness 1

(2) Date: Aug 10, 2001

Jennifer V. Weissmann  
Signature of Witness 2



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

WB.  
618781-006310VS

DECEMBER 19, 2001

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
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TOWNSEND & TOWNSEND & CREW LLP  
WILLIAM B. KEZER  
TWO EMBARCADERO CENTER, 8TH FLOOR  
SAN FRANCISCO, CA 94111-3834

PTAS  
JAN 02 2002



\*101877652A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/09/2001

REEL/FRAME: 012246/0329  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MCGEE, LAWRENCE R.

DOC DATE: 09/20/2001

ASSIGNOR:

HOUE, JONATHAN B.

DOC DATE: 09/24/2001

ASSIGNOR:

RUBENSTEIN, STEVEN M.

DOC DATE: 09/25/2001

ASSIGNEE:

TULARIK INC.  
TWO CORPORATE DRIVE  
SO. SAN FRANCISCO, CALIFORNIA 94080

SERIAL NUMBER: 09894980  
PATENT NUMBER:

FILING DATE: 06/27/2001  
ISSUE DATE:

012246/0329 PAGE 2

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

10-18-2001

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OMB No. 0651-0027 (exp. 5/31/2002)



U.S. Department of Commerce  
U.S. Patent and Trademark Office

Tab settings

101877652

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Lawrence R. McGee, Jonathan B. Houze and Steven M. Rubenstein

10-9-01

Additional name(s) of conveying parties attached? ☐ Yes ☒ No.

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution Date: 09/20/01, 09/24/01 and 09/25/01

2. Name and address of receiving party(ies)

Name: Tularik Inc.

Internal Address: \_\_\_\_\_

Street Address: Two Corporate Drive

City: So. San Francisco State: CA ZIP: 94080

Additional names and addresses attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No(s): 09/894,980

B. Patent No(s): \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William B. Kezer  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
(415) 576-0200

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): \_\_\_\_\_ \$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

William B. Kezer

Name of Person Signing  
Atty. Reg. No. 37,369

*William B. Kezer*  
Signature

10.3.01  
Date

Total number of pages including cover sheet, attachments and document 4

Mail documents to be recorded with required cover t :  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Lawrence R. McGee, of 39 Big Sur Way, Pacifica, CA 94044; Jonathan B. Houze, of 2383 Ticonderoga Drive, San Mateo, CA 94402; Steven M. Rubenstein, of 1027 Anza Drive, Pacifica, CA 94044; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: QUINOLINYL AND BENZOTHAZOLYL MODULATORS

Date(s) of execution of Declaration: 09/20/01, 09/24/01 and 09/25/01

Filing Date: 06/27/01

Application No.: 09/894,980

WHEREAS, Tularik Inc., a corporation of the state of Delaware, located at Two Corporate Drive, South San Francisco, CA, 94080, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 20 Sept 2001

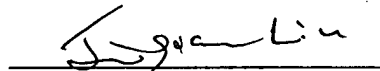
  
Lawrence R. McGee

SIGNATURE WITNESSED BY:

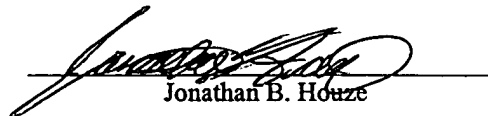
(1) Date: 20 Sept. 2001

  
Signature of Witness 1

(2) Date: 20 Sept. 2001

  
Signature of Witness 2

Dated: 9/24/01

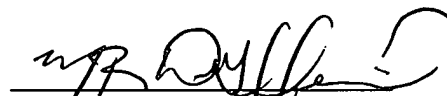
  
Jonathan B. Houze

SIGNATURE WITNESSED BY:

(1) Date: 9/24/01

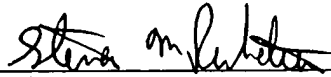
  
Signature of Witness 1

(2) Date: 9/24/01

  
Signature of Witness 2

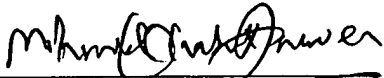


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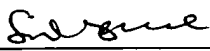
  
Steven M. Rubenstein

SIGNATURE WITNESSED BY:

(1) Date: 25 Sept. '01

  
Signature of Witness 1  
(MOHAMED KHALID ANSWER)

(2) Date: 09/25/01

  
Signature of Witness 2  
Kexue Li